

# Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200



## PLEDGE® ORANGE FRESH AEROSOL

Version 2.

Print Date 08/26/2008

Revision Date 08/22/2008

MSDS Number 350000003605

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : PLEDGE® ORANGE FRESH AEROSOL

Use of the Substance/Preparation Company : Furniture Polish/Cleaner  
: S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : opaque / Mist / pleasant

#### Immediate Concerns

: Caution  
CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Keep away from heat, sparks and flame. Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.

#### Potential Health Effects

Routes of exposure : Eye, Skin, Inhalation, Ingestion.

Eyes : May irritate eyes.

Skin : None known.

Inhalation : None known.

Ingestion : Aspiration hazard if swallowed - can enter lungs and cause damage.

Aggravated Medical Condition : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Deionized Water	7732-18-5	60.00 - 100.00
Naphtha, petroleum, light alkylate	64741-66-8	5.00 - 10.00
Dimethicone	63148-62-9	5.00 - 10.00

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Butane	106-97-8	1.00 - 5.00
Propane	74-98-6	1.00 - 5.00
Isobutane	75-28-5	1.00 - 5.00

### 4. FIRST AID MEASURES

- Eye contact : Rinse with plenty of water.
- Skin contact : Wash off with soap and water.
- Inhalation : Remove to fresh air. If breathing is affected, get medical attention.
- Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician or Poison Control Centre immediately.

### 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog
- Specific hazards during fire fighting : Aerosol Product - Containers may rocket or explode in heat of fire.
- Further information : Cool and use caution when approaching or handling fire-exposed containers. Fight fire from maximum distance or protected area. Wear full protective clothing and positive pressure self-contained breathing apparatus.
- Flash point : < 7.0 °C  
Method: Tag Closed Cup (TCC)  
Note: Propellant
- Flash point : < 20 °F  
Method: Tag Closed Cup (TCC)  
Note: Propellant
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available
- NFPA Classification : NFPA Level 1 Aerosol

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Remove all sources of ignition.

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Methods for cleaning up : Soak up with inert absorbent material.  
Sweep up and shovel into suitable containers for disposal.  
After cleaning, flush away traces with water.

### 7. HANDLING AND STORAGE

#### Handling

Advice on safe handling : Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.  
Do not puncture or incinerate.  
Do not spray or use on floors as it could leave them slippery.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.

#### Storage

Requirements for storage areas and containers : Keep in a dry, cool and well-ventilated place.  
Do not freeze.  
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Basis
Butane	106-97-8		1,000 ppm	ACGIH TWA
Propane	74-98-6		1,000 ppm	ACGIH TWA
		1,800 mg/m3	1,000 ppm	OSHA TWA
Isobutane	75-28-5		1,000 ppm	ACGIH TWA

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : not required under normal use

Eye protection : No special requirements.

Hygiene measures : Use only with adequate ventilation. Wash thoroughly after handling.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Mist
Color	:	opaque
Odor	:	pleasant
pH	:	not applicable
Melting point	:	no data available
Boiling point	:	no data available
Flash point	:	< 7.0 °C Method: Tag Closed Cup (TCC) Propellant
Flash point	:	< 20 °F Method: Tag Closed Cup (TCC) Propellant
Evaporation rate	:	no data available
Autoignition temperature	:	no data available
Lower explosion limit	:	no data available
Upper explosion limit	:	no data available
Vapour pressure	:	no data available
Density	:	0.9 - 1.0 g/cm <sup>3</sup>
Water solubility	:	slightly soluble
Partition coefficient: n-octanol/water	:	no data available
Percent volatile	:	not determined

#### 10. STABILITY AND REACTIVITY

Conditions to avoid	:	Heat, flames and sparks.
Materials to avoid	:	Do not mix with oxidizing agents.

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Hazardous decomposition products : When exposed to fire, produces normal products of combustion.

Hazardous reactions : Stable

#### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : no data available

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

##### Chronic effects

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive effects : no data available

Teratogenicity : no data available

Sensitisation : no data available

#### 12. ECOLOGICAL INFORMATION

Ecotoxicity effects : Not Available

#### 13. DISPOSAL CONSIDERATIONS

Product : Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.

#### 14. TRANSPORT INFORMATION

##### Land transport

##### ▪ U.S. DOT and Canadian TDG Surface Transportation:

UN-Number 1950

Proper shipping name Aerosols, flammable

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Class: 2.1  
Packaging group: None.

Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)

### Sea transport

▪ *IMDG:*  
Class: 2.1  
Packaging group: None.  
Proper shipping name: Aerosols, flammable  
UN-Number: 1950

Note: SC Johnson ships this product as "Limited Quantity" when the container quantity value is 1 Liter or less.

### Air transport

▪ *ICAO/IATA:*  
Class: 2.1  
Packaging group: None.  
Proper shipping name: Aerosols, flammable  
UN/ID No.: UN 1950

Note: SC Johnson typically does not ship products via air, therefore it has not been determined if the product container meets current IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.

## 15. REGULATORY INFORMATION

### Global Chemical Inventories

Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

: All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

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- California Prop. 65 : This product is not subject to the reporting requirements under California's Proposition 65.  
: This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

### 16. OTHER INFORMATION

#### HMIS Ratings

Health	0
Flammability	4
Reactivity	0

#### NFPA Ratings

Health	0
Fire	4
Reactivity	0
Special	

#### Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by:	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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